

ABSTRACT OF THE DISCLOSURE

According to the current invention, a bumper apparatus for vehicle comprises a bumper reinforcement made of an extruded aluminum base alloy material being formed in cross-section having two separated vertical portions, an upper horizontal rib, an intermediate horizontal rib, and a lower horizontal rib provided therebetween, each end of the upper, intermediate and lower horizontal ribs are connected to upper portions, middle portions and lower portions of the vertical portions respectively. In this configuration, the thickness of the intermediate rib is thicker than the thicknesses of the upper rib and the lower rib to make the upper rib and the lower rib be buckled to deform earlier than the intermediate rib when load is applied to the bumper apparatus, and the thickness of the intermediate rib is not more than to make a strength of the bumper apparatus be over a vehicle body tolerable force. Thus, an impact energy is absorbed by deforming the upper rib and the lower rib, the intermediate plate member, the crush box in order, and finally the intermediate rib.